

Figure 1. Making the PNA-Enzyme (E) chimera and its interaction with DNA.

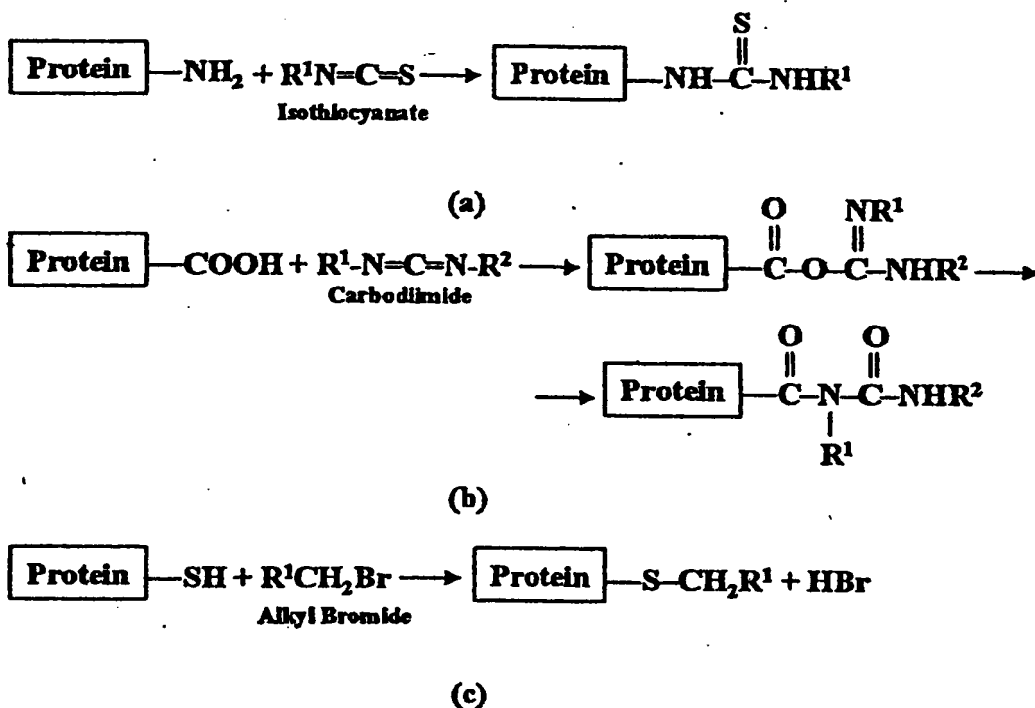


Figure 2. Examples of conjugation of fluorescent groups (R1 and R2) to protein surface amino (a), carboxylic (b), and thiol (c) groups with isothiocyanine, carbodiimide, and alkyl bromide respectively.

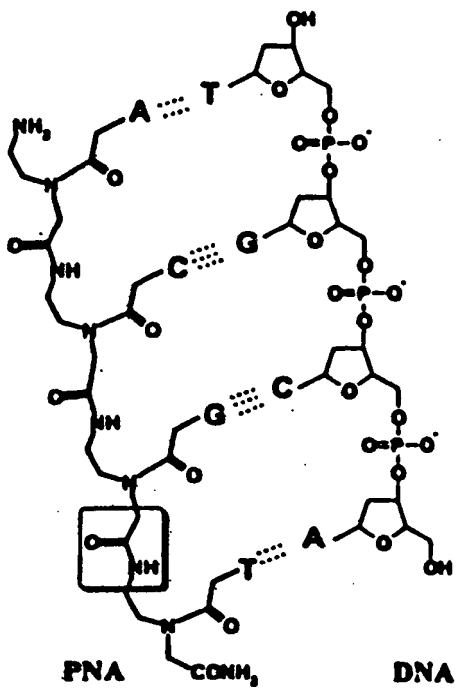


Figure 3

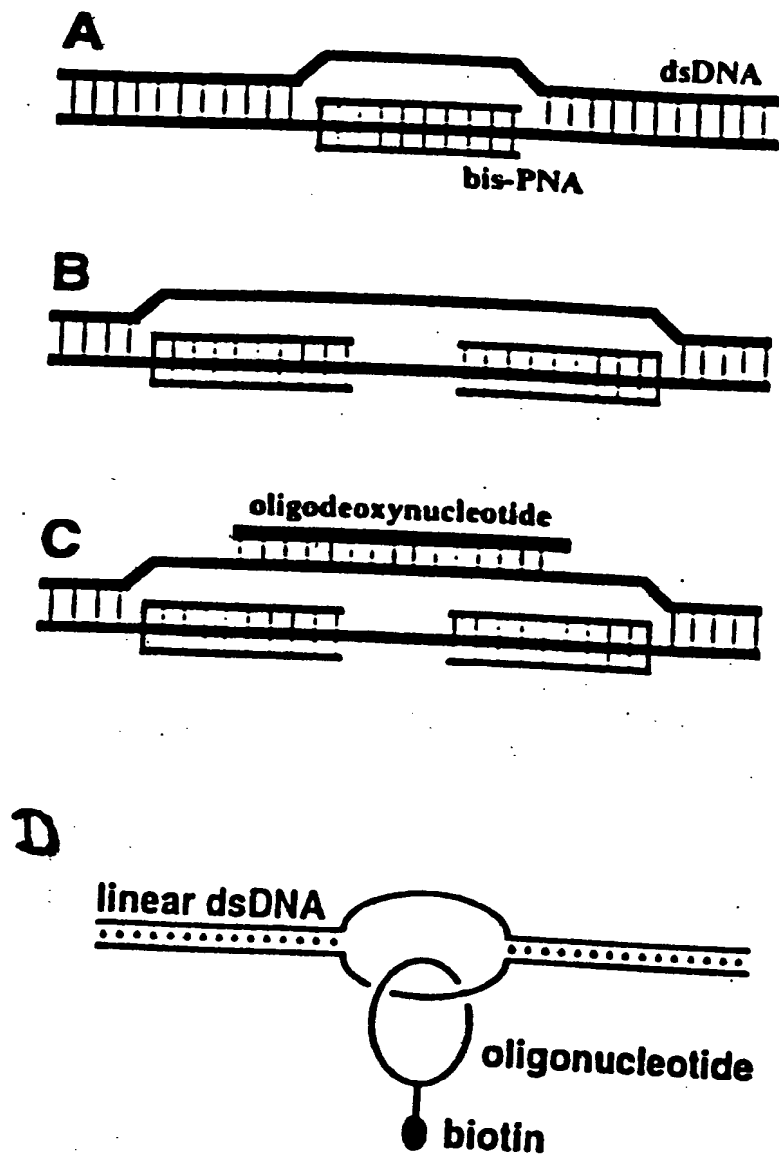


Figure 4

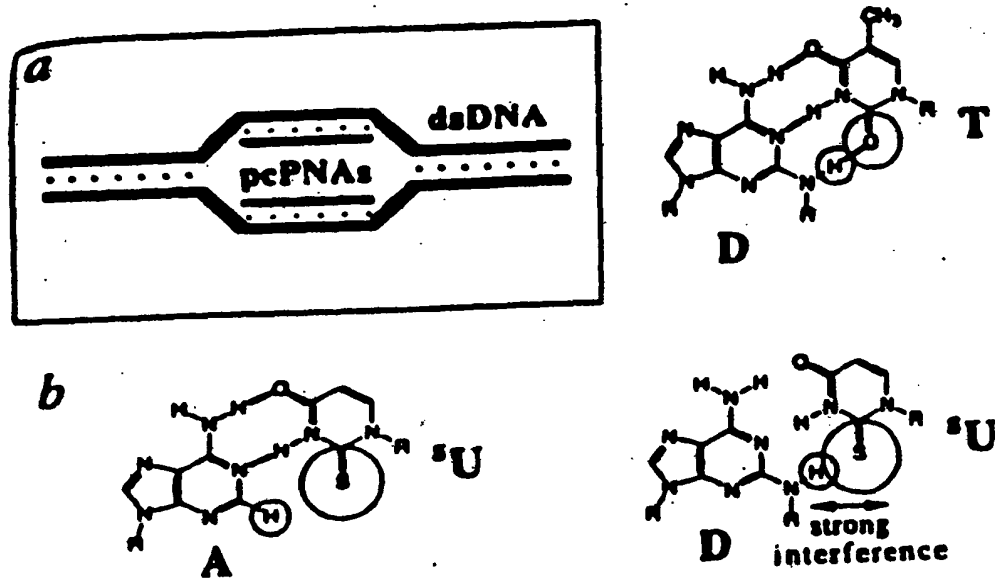
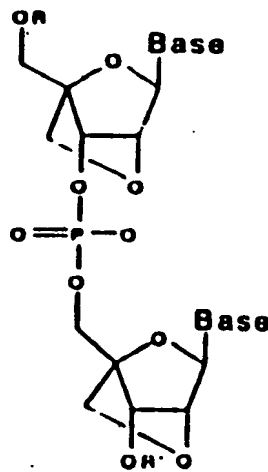


Figure 5



Locked nucleic acid
(LNA)

Figure 6